

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A catalyst comprising ~~active elements including~~ copper and at least one other active element deposited on an alumina support, said alumina support ~~containing~~ comprising at least 0.03 g of titanium therein, expressed in metal form, per kg of alumina.

Claim 2 (Currently Amended): The catalyst according to Claim 1, wherein the alumina support ~~contains~~ comprises at most 15 g of titanium therein, expressed in metal form, per kg of alumina.

Claim 3 (Currently Amended): The catalyst according to Claim 1, wherein the alumina support ~~contains~~ comprises at least 0.05 g of titanium therein, expressed in metal form, per kg of alumina.

Claim 4 (Currently Amended): The catalyst according to Claim 1, wherein the alumina support ~~contains~~ comprises at most 5 g of titanium therein, expressed in metal form, per kg of alumina.

Claim 5 (Currently Amended): The catalyst according to Claim 1 ~~containing~~ comprising, in addition to copper, at least one other active element deposited on said alumina support selected from the group consisting of alkali metals, alkaline-earth metals, rare earth metals and metals of the group consisting of ruthenium, rhodium, palladium, osmium, iridium, platinum and gold.

Claim 6 (Currently Amended): The catalyst according to Claim 1, ~~wherein the active element or elements other than copper are~~ comprising, in addition to copper, at least one other active element deposited on said alumina support selected from the group consisting of alkali metals, alkaline-earth metals and rare earth metals.

Claim 7 (Currently Amended): The catalyst according to Claim 1, ~~wherein the active elements are copper,~~ comprising, in addition to copper, magnesium and at least one alkali metal deposited on said alumina support.

Claim 8 (Currently Amended): A catalyst support or diluent ~~comprising an~~ consisting of alumina ~~containing~~ comprising at least 0.03 g of titanium therein, expressed in metal form, per kg of alumina.

Claim 9 (Cancelled)

Claim 10 (Withdrawn, Currently Amended): ~~A method involving a~~ In a gas phase reaction, the improvement wherein the gas phase reaction is catalyzed by a catalyst according to Claim 1.

Claim 11 (Withdrawn, Currently Amended): A ~~method~~ reaction according to Claim 10, wherein the gas phase reaction is an oxidation reaction of a hydrocarbon.

Claim 12 (Withdrawn, Currently Amended): A ~~method~~ reaction according to Claim 10, wherein the gas phase reaction is an oxychlorination reaction of a hydrocarbon containing 1 to 4 carbon atoms.

Claim 13 (Withdrawn, Currently Amended): A ~~method~~ reaction according to Claim 10, wherein the gas phase reaction is the oxychlorination reaction of ethylene to 1,2-dichloroethane.

Claim 14 (New): The catalyst according to Claim 1, wherein the alumina support comprises at least 0.2 g of titanium therein, expressed in metal form, per kg of alumina.

Claim 15 (New): The catalyst according to Claim 1, wherein the alumina support comprises at most 1.5 g of titanium therein, expressed in metal form, per kg of alumina.

Claim 16 (New): The catalyst according to Claim 1, wherein said alumina support comprises at least 0.05 g and at most 5 g of titanium therein, expressed in metal form, per kg of alumina, and wherein the catalyst comprises between 30 and 90 g of copper, calculated in metal form, per kg of catalyst.

Claim 17 (New): The catalyst according to Claim 1, wherein said alumina support comprises at least 0.03 g and at most 15 g of titanium therein, expressed in metal form, per kg of alumina, and wherein the catalyst comprises between 30 and 90 g of copper, calculated in metal form, per kg of catalyst.

Claim 18 (New): The catalyst support according to Claim 8, wherein said alumina comprises at least 0.03 g and at most 15 g of titanium therein, expressed in metal form, per kg of alumina.

Claim 19 (New): The catalyst support according to Claim 8, wherein said alumina comprises at least 0.05 g and at most 5 g of titanium therein, expressed in metal form, per kg of alumina.

Claim 20 (New): The catalyst support according to Claim 8, wherein said alumina comprises at least 0.2 g and at most 1.5 g of titanium therein, expressed in metal form, per kg of alumina.